IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Original) A controlling radio network controller (C-RNC) for use in radio resource management (RRM) functions, the C-RNC comprising:

a radio resource management function for managing radio resources, using data from a central database, including cell data and wireless transmit/receive unit (WTRU) data;

said cell data including resource assignment information for a cell; and

said WTRU data including WTRU capability and WTRU radio link information.

2. (Original) A controlling radio network controller according to claim 1, wherein said cell data includes a cell record having

a cell identification field;

a cell status field;

a timeslot record for each timeslot;

a cell-based operations and maintenance configuration data field;

call admission control function parameters; and

a power control information field.

3. (Original) A controlling radio network controller according to claim 2, wherein each timeslot record includes

a timeslot number field;

a channel type field;

a channel direction field;

a list of allocated codes;

an available resource units field; and

a code vector field.

4. (Original) A controlling radio network controller according to claim 3, wherein said list of allocated codes includes a cell code record having

a dedicated physical channel identification field;

a code number field;

a WTRU identification field;

a radio link identification field; and

a coded composite transport channel identification field.

5. (Original) A controlling radio network controller according to claim 3, wherein said code vector field includes an uplink code vector record having

a code identification field;

a code block status field; and

a code usage status field.

6. (Original) A controlling radio network controller according to claim 3, wherein said code vector field includes an downlink code vector record having

a code identification field; and

a code usage status field.

7. (Original) A controlling radio network controller according to claim 1, wherein said WTRU data includes a WTRU record having

a WTRU identification field;

a WTRU capability field; and

a radio link information field.

8. (Original) A controlling radio network controller according to claim 7, wherein said radio link information field includes a radio link record having

a radio link identification field;

a cell identification field;

an uplink coded composite transport channel (CCTrCH) information field; and

a downlink CCTrCH information field.

9. (Original) A controlling radio network controller according to claim 8, wherein said uplink CCTrCH information field and said downlink CCTrCH information field include a CCTrCH record having

a CCTrCH identification field; and

a dedicated physical channel (DPCH) information field.

10. (Original) A controlling radio network controller according to claim 9, wherein said DPCH information field includes a DPCH record having

a repetition period field;

a repetition length field; and

a DPCH timeslot list.

11. (Original) A controlling radio network controller according to claim 10, wherein said DPCH timeslot list includes a DPCH timeslot record having

a timeslot number field;

a midamble shift and burst type field;

a transport format combination indicator presence field; and

a code list.

12. (Original) A controlling radio network controller according to claim 11, wherein said code list includes a WTRU code record having

a DPCH identification field;

a code usage status field;

a CCTrCH identification field;

a code number field; and

a code signal to interference target field.

13. (Original) A method for improving the performance of radio resource management (RRM) functions in a wireless communications system, comprising the steps of:

providing a data storage;

storing resource allocation information for the wireless communications system in the data storage;

accessing the data storage by a RRM function, wherein the RRM function obtains current resource allocation information for the wireless communications system;

performing the RRM function; and

updating the data storage based upon changes to the resource allocation in the wireless communications system made by the RRM function.

14. (Original) The method according to claim 13, wherein the providing step includes providing a centralized data storage in a controlling radio network controller.

15. (Original) The method according to claim 13, wherein the storing step includes storing operation and maintenance data in the data storage.

16. (Original) The method according to claim 13, wherein the storing step includes storing cell-specific data in the data storage.

17. (Original) The method according to claim 13, wherein the storing step includes storing wireless transmit/receive unit-specific data in the data storage.

18. (Original) The method according to claim 13, wherein the RRM function is a call admission control routine.

19. (Original) The method according to claim 13, wherein the RRM function is an escape mechanism.

20. (Original) The method according to claim 13, wherein the RRM function is a background interference reduction function.

21. (Original) A method for improving the performance of a call admission control (CAC) routine by storing commonly used data in a central database, the method comprising the steps of:

initializing the central database;

receiving operations and maintenance (OA&M) data;

storing the OA&M data in the central database;

triggering the CAC routine;

retrieving cell data and wireless transmit/receive unit data from the central database, the retrieved data to be used by the CAC routine;

executing the CAC routine and allocating resources to the newly admitted call; and

storing information regarding the resources allocated to the newly admitted call in the central database.